Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102769.D
Acq On : 6 Feb 2018 6:11
Operator : SJ/JU
Sample : J1454-03MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Manual Integrations APPROVED
Sohil
2/6/2018 2:26:25 PM

Quant Time: Feb 06 07:46:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	240082	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	997220	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	430961	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	631157	20.00	ng		0.00
75) Chrysene-d12	14.05	240	365710	20.00	ng		0.00
86) Perylene-d12	15.53	264	363023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1346128	85.15	ng		0.01
7) Phenol-d6	6.51	99	1639043	86.11	ng		0.00
23) Nitrobenzene-d5	7.45	82	1037463	72.17	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	300747	86.70	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1608372	61.93	ng		0.00
78) Terphenyl-d14	12.99	244	1076625	69.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	220560	28.247	ng		87
3) Pyridine	3.49	79	599026	27.767	ng		89
4) n-Nitrosodimethylamine	3.44	42	322028	34.889	ng		94
6) Aniline	6.55	93	475510	16.916	ng		97
8) 2-Chlorophenol	6.67	128	539615	33.156	ng		96
9) Benzaldehyde	6.43	77	191063	13.516	ng		92
10) Phenol	6.53	94	744765	36.509	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	542580	31.964	ng		90
12) 1,3-Dichlorobenzene	6.82	146	572675	30.385	ng		99
13) 1,4-Dichlorobenzene	6.90	146	574099	30.579	ng		99
14) 1,2-Dichlorobenzene	7.06	146	531143	30.374	ng		98
15) Benzyl Alcohol	7.02	79	487788	33.331	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1001850	31.070	ng		98
17) 2-Methylphenol	7.13	107	466480	31.073	ng		99
18) Hexachloroethane	7.39	117	193520	30.059	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	385657	30.729	ng		96
20) 3+4-Methylphenols	7.29	107	549882	29.702	ng	#	73
22) Acetophenone	7.29	105	750130	30.739	ng	#	94
24) Nitrobenzene	7.47	77	578995	34.224	ng		97
25) Isophorone	7.70	82	1090289	32.938	ng		100
26) 2-Nitrophenol	7.78	139	264936	39.918	ng		98
27) 2,4-Dimethylphenol	7.82	122	498180	35.623	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	695069	35.447	ng		99
29) 2,4-Dichlorophenol	8.02	162	442650	34.819	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	447198	31.095	ng		99
31) Naphthalene	8.19	128	1564611	32.113	ng		99
32) Benzoic acid	7.87	122	38642m	12.272	ng		
33) 4-Chloroaniline	8.23	127	237704	11.325	ng		99
34) Hexachlorobutadiene	8.30	225	226831	30.779	ng		100
35) Caprolactam	8.60	113	157593m	35.695	ng		
36) 4-Chloro-3-methylphenol	8.72	107	485005	33.955	ng		96
37) 2-Methylnaphthalene	8.88	142	1046296	32.800	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	385443	32.847	ng		99
40) Hexachlorocyclopentadiene	9.03	237	112079	20.092	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	279052	36.206	ng		95
43) 2,4,5-Trichlorophenol	9.20	196	297223	34.215	ng		95
45) 1,1'-Biphenyl	9.35	154	1139735	31.399	ng		99
46) 2-Chloronaphthalene	9.37	162	907611	31.760	ng		98
47) 2-Nitroaniline	9.46	65	332518	38.453	ng		89
48) Acenaphthylene	9.79	152	1330685	29.981	ng		99
49) Dimethylphthalate	9.65	163	1304704	38.827	ng		99
50) 2,6-Dinitrotoluene	9.70	165	231393	36.195	ng		96
51) Acenaphthene	9.96	154	808143	30.446	ng		99
52) 3-Nitroaniline	9.87	138	222596	28.298	ng		94
53) 2,4-Dinitrophenol	9.97	184	5979	12.976	ng	#	1
54) Dibenzofuran	10.13	168	1206326	32.249	ng		97
55) 4-Nitrophenol	10.03	139	352613	55.827	ng		93
56) 2,4-Dinitrotoluene	10.10	165	285092	34.196	ng	#	95
57) Fluorene	10.47	166	863416	31.724	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	203636	33.822	ng	#	98
59) Diethylphthalate	10.34	149	1044933	31.493	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	389042	32.313	ng		98
61) 4-Nitroaniline	10.49	138	226040	30.189	ng		93
62) Azobenzene	10.62	77	977524	29.491	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	15038	14.007	ng	#	82
65) n-Nitrosodiphenylamine	10.58	169	810762	36.418	ng		98
66) 4-Bromophenyl-phenylether	10.95	248	241731	36.206	ng		96
67) Hexachlorobenzene	11.02	284	232263	31.534	ng		99
68) Atrazine	11.11	200	237094	36.100	ng		98
69) Pentachlorophenol	11.21	266	203416	47.048	ng		99
70) Phenanthrene	11.44	178	1657231	47.146	ng		99
71) Anthracene	11.49	178	1223169	34.212	ng		99
72) Carbazole	11.64	167	1045370	29.846	ng		100
73) Di-n-butylphthalate	11.97	149	1477901	34.735	ng		99
74) Fluoranthene	12.63	202	1670536	47.235	ng		100
76) Benzidine	12.74	184	241531	14.370	ng		97
77) Pyrene	12.86	202	1577644	55.014	ng		99
79) Butylbenzylphthalate	13.46	149	498231	36.570	ng		97
80) Benzo(a)anthracene	14.04	228	1083690	47.118	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	225551	26.449	ng		98
82) Chrysene	14.08	228	1032794	44.546	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	686438	39.074	ng		99
84) Di-n-octyl phthalate	14.63	149	1141860	43.288	ng		98
85) Indeno(1,2,3-cd)pyrene	17.02	276	726241	37.768	ng		100
87) Benzo(b)fluoranthene	15.10	252	1090056	46.314	ng		98
88) Benzo(k)fluoranthene	15.13	252	840495	37.374	ng		99
89) Benzo(a)pyrene	15.47	252	893952	42.197	ng		97
90) Dibenzo(a,h)anthracene	17.04	278	523369	30.436	ng		99
91) Benzo(g,h,i)perylene	17.47	276	597109	35.477	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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